

## ATTACHMENT 1

# 15-14 LOADS FOR TEMPORARY HIGHWAY STRUCTURES

	OVER VEHICULAR AND/OR PEDESTRIAN TRAFFIC	NOT OVER VEHICULAR OR PEDESTRIAN TRAFFIC
STRUCTURES CARRYING NON-VEHICULAR LOADS ONLY	<ol style="list-style-type: none"> <li>1. Vertical loads--same as for pedestrian overcrossings plus any special equipment loads requested by the Contractor.</li> <li>2. Lateral loads in both the longitudinal and transverse direction--the larger of: <ol style="list-style-type: none"> <li>a. Construction staging</li> <li>b. Load combinations listed in the Department's Falsework Manual</li> <li>c. Seismic--25% dead load, factored by 1.0 and applied at the center of gravity</li> </ol> </li> </ol>	<ol style="list-style-type: none"> <li>1. Vertical loads--same as for pedestrian overcrossings plus any special equipment loads requested by the Contractor.</li> <li>2. Lateral loads in both the longitudinal and transverse direction--the larger of: <ol style="list-style-type: none"> <li>a. Construction staging</li> <li>b. Load combinations listed in the Department's Falsework Manual</li> <li>c. Seismic--10% dead load, factored by 1.0 and applied at the center of gravity</li> </ol> </li> </ol>
HAUL BRIDGES (STRUCTURES SUPPORTING CONSTRUCTION EQUIPMENT)	<ol style="list-style-type: none"> <li>1. Vertical--dead loads with anticipated vehicular load combinations, including any special equipment loads. See MTD 15-15 on Material Hauling Equipment loads, or MTD 15-16 on construction equipment loads.</li> <li>2. Lateral loads in the longitudinal direction (parallel to the centerline of structure)--the larger of: <ol style="list-style-type: none"> <li>a. Braking force--15% LL applied 6 ft above deck surface</li> <li>b. Seismic--25% dead load, factored by 1.0 and applied at the center of gravity</li> </ol> </li> <li>3. Lateral loads in the transverse direction (perpendicular to centerline of the structure)--the larger of: <ol style="list-style-type: none"> <li>a. Seismic--25% dead load, factored by 1.0 and applied at the center of gravity</li> <li>b. Load combinations listed in the Department's Falsework Manual.</li> </ol> </li> </ol>	<ol style="list-style-type: none"> <li>1. Vertical--dead loads with anticipated vehicular load combinations, including any special equipment loads. See MTD 15-15 on Material Hauling Equipment loads, or MTD 15-16 on construction equipment loads.</li> <li>2. Lateral loads in the longitudinal direction (parallel to the centerline of structure)--the larger of: <ol style="list-style-type: none"> <li>a. Braking force--15% LL applied 6 ft above deck surface</li> <li>b. Seismic--10% dead load, factored by 1.0 and applied at the center of gravity</li> </ol> </li> <li>3. Lateral loads in the transverse direction (perpendicular to centerline of the structure)--the larger of: <ol style="list-style-type: none"> <li>a. Seismic--10% dead load, factored by 1.0 and applied at the center of gravity</li> <li>b. Load combinations listed in the Department's Falsework Manual.</li> </ol> </li> </ol>